



भारत का राजपत्र The Gazette of India

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सं० २] नई दिल्ली, शनिवार, जनवरी ८, १९७२ (वी० १८, १८९३)
No. 2] NEW DELHI, SATURDAY, JANUARY 8, 1972 (PAUSA 18, 1893)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड २

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE Patents and Designs

Calcutta, the 8th January 1972

CORRIGENDUM

In the Gazette of India Part III, Section 2, dated the 23rd October 1971 in page 388 column 2 under the heading 'Applications accepted'.

After No. 125887

Insert "125888, Amchem Products Inc. Herbicidal compositions. Accepted on 25th September 1971.

Comprising dried, pregelatinized cold water swelling starch 3-amino-1, 2, 4-triazole and water soluble thiocyanate."

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

18th December 1971

133994. B. S. Sidhoo. Improvements in or relating to a portable pneumatic tyre bead spreader.
133995. Vinis Products. Air blown toy.
133996. Trw Inc. Corrosion resistant alloys.
133997. Mitsui Petrochemical Industries, Ltd. Improved process for producing terephthalic acid.
133998. K. Murakami. Heat engine.
133999. Societe Anonyme Des Etablissements Roure-bertrand Fils & Justin Dupont. Isomer of dihydromethyl-jasmonate.
134000. A. W. Brainerd, K. H. Brainerd and S. W. Brainerd. A shoe shining device. (21st May, 1971).
134001. Imperial Chemical Industries Limited. Catalyst system for polyesters, (23rd December, 1970).

134002. General Electric Company. Constant Volume flow rate suction unit.

134003. Artos Gesellschaft Fur Industrielle Forschung Und Entwicklung C. A. Treatment device, particularly for the heat treatment of web-like materials.

134004. G. M. Churi. A wash mat for clothes.

20th December 1971

134005. Avon Services (Production & Agencies) Private Limited. Improvements in or relating to valve assembly for cylinders or pressurised dry powder fire.

134006. Astra Pharmaceutical Products Inc. Pharmaceutical composition.

134007. Telephon- and Telegraphen-Fabriks-Aktiengesellschaft Kapsch & Sohne in Wien. A process and apparatus for joining a tubular thermoplastic container jacket, by means of ultrasonics, to a thermoplastic end cap to form a liquid-tight seal.

134008. V. V. Jayaraman. Improved process for direct nitration of benzene to mononitro benzene using nitric acid alone.

134009. Hindustan Lever Limited. Catalysts. (21st December, 1970).

134010. Indian Plastics & Chemicals Private Limited. Improvements in or relating to wall boards and the like constructional panels and method of manufacturing the same.

134011. The Gurdit Institute Private Limited. Improvements in or relating to fire-proof and fire-resistant laminated boards and constructional panels and method of manufacturing same.

134012. F Hoffmann-La Roche & Co. Aktiengesellschaft. Polyene compounds.

134013. Scovill Manufacturing Company. Improvements in or relating to valves for pressurible containers.

134014. Ciba-Geigy AG. Fibre-reactive dyestuffs, their manufacture and use.

134015. N. V. Philips Gloeilampenfabrieken. Method of manufacturing an inductive ballast.
134016. Ceskoslovenska akademie ved of Praha Czechoslovakia. Method for producing PF thin/walled articles from plastics or rubbers.
134017. Council of Scientific and Industrial Research. A bath for making silver powder by electrolysis.
134018. Council of Scientific and Industrial Research. A process for the preparation from seed-lac (button-lac or shellac), without the use of much methylated spirit, of a french polish for wooden furniture.
134019. Council of Scientific and Industrial Research. A bath for making silver powder by electrolysis.
134020. Council of Scientific and Industrial Research. A process for making from commercial black cutch a substitute for the imported vegetable tan-stuffs like wattle and quebracho extracts.
134021. Council of Scientific and Industrial Research. An improved chemical process for easy and quick separation of coir fibers from coconut husk.

21st December 1971

134022. Girling Limited. Improvements in or relating to servo motors. (22nd December 1970).
134023. Shell Internationale Research Maatschappij N. V. A process for recovering ethylene oxide.
134024. USS Engineers and Consultants, Inc. Method of making rim-stabilized steel ingots. [Addition to No. 131564].
134025. Asian Pharmacy. A process for ayurvedic medicine for the cure of piles.
134026. D. Gadh, Z. George and Prof. G. S. Ramaswamy. Improvements in or relating to grip bar for concrete reinforcement.
134027. International Standard Electric Corporation. Tele-Communication switchboard.
134028. International Standard Electric Corporation. Electrical contact.
134029. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. 1-Vinylcarbonyl-piperazine derivatives having an analgesic action and process for preparing them.
134030. T. Lakshminarayana, M. R. Surendranath, R. K. Viswanadham, Sir D. T. Rao and B. R. Reddy. Process of decuticling sesame seeds.
134031. International Standard Electric Corporation. Network.
134032. Societe D'Etudes Scientifiques Et Industrielles De L'Ile-De-France, and Teikoku Chemical Industry. Process for the preparation of benzamide derivatives.
134033. K. Murakami. Heat engine and working fluid therefor.
134034. Sandoz Ltd. Bis-triazole compounds.

22nd December 1971

134035. Orissa Cement Limited. Ramming mass and mortar for use in furnaces and kilns.
134036. R. Kishan. A water purifying instrument.
134037. A. J. Toti. Structural unit and method and apparatus for producing same.
134038. Aktieselskabet Grindstedvaerket. 2-alkoxy-1, 4-benzodiazepines. (23rd December 1970).
134039. Chavanoz S. A. Apparatus for the manufacture of non-woven textile netting.
134040. Merck & Co., Inc. Acyloxyalkyl esters of indenyl acetic acids.
134041. Uguie Kuhmann. Process for the manufacture of hydrazine. (6th September 1971).

134042. Hindustan Gears (Pvt.) Ltd. Layshaft gear.
134043. The University of Roorkee. Transistorised phase sequence indicator.
134044. The University of Roorkee. Static inverse definite minimum time-lag over-current relay.
- 23rd December 1971
134045. N. Palani, and H. D. F. Theodore. Electro-mechanically propelled water transport.
134046. RCA Corporation. Continuity of metal film conductors.
134047. Sandoz Ltd. Injection moulded articles of polyethylene terephthalate.
134048. Development Consultants Private Limited. An improved conveying trolley for handling material, such as, concrete-mix.
134049. Svenska Aktiebolaget Bromsregulator. Pneumatic cylinder-piston unit for railway brake riggings. (12th January 1971).
134050. L. Gardner & Sons Limited. Improvements in or relating to nuts. (24th December 1970).
134051. Joseph Lucas (Industries) Limited. Inlet manifolds. (1st January 1971).

24th December 1971

134052. Ahmedabad Textile Industry's Research Association. Checking uniformity or non-uniformity of dent and air-spacing in reeds.
134053. Joseph Lucas (Industries) Limited. Vehicle lamps. (13th January 1971).
134054. Gestetner Limited. Improvements in and relating to duplicating stencils. (4th January 1971).
134055. Dunlop Holdings Limited. Improvements in wheels. (25th January 1971).
134056. Kimberly-Clark Corporation. Coated electrical insulating paper and method of making it.
134057. Dresser Industries, Inc. Prepositioning device for a blend control valve.
134058. Imperial Chemical Industries Limited. Steam reforming hydrocarbons and method of making catalyst used therein. (19th February 1970). [Divisional date 13th May 1970].
134059. Oral Health Products, Inc. Dental treatment.
134060. Westinghouse Electric Corporation. Base for glass or ceramic cookware.
134061. Diamond Shamrock Corporation. Cobalt titanate-modified solution.
134062. L. Glivaudan & Cie Societe Anonyme. Aromatic compositions containing novel mercapto- or alkyl thio-substituted terpenoids. [Divisional date 26th August 1970].
134063. Ciba-Geigy AG. Process for the dyeing or printing and simultaneous finishing of cellulose materials.
134064. Ciba-Geigy AG. Azo compounds, their manufacture and use.

Alteration of Date

126019. The claim to priority date 10th April 1969 has been withdrawn and the application dated as of 1st April 1970, the date of filing in India.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for the sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

125546. Mischmetal & Flints Private Limited. Cerium or mischmetal, electrolytic process for the production thereof and apparatus therefor. Accepted on 2nd December 1971.

Characterised in that the amount of sodium chloride does not exceed 15%, magnesium chloride is about 10% and ammonium chloride is in an amount of from 3.5 to 15%.

125699. I. T. Mirchandani. Improvements in or relating to electric circuits for reducing or substantially eliminating thermal cycles in an electric light bulb and to electric switches. Accepted on 13th December, 1971.

An impedance is connected in parallel with switching means, the latter being in series with bulb, when the switch is open or in the "off" position.

125712. (Mrs.) Raffaella Loi. Covering element for covering building constructions and methods of obtaining the same. Accepted on 13th December 1971.

Comprising a continuous contoured during pressing to represent in relief a series of tiles and the like.

125725. Koppers Company, Inc. Plastic rivet and method for joining together articles therewith. Accepted on 13th December, 1971.

The process includes the steps of heating resin in the formed rivet either by electrical resistance heating of metallic forming dies to accelerate the curing of the resin from a B-stage condition of a c-stage condition or accomplishing curing by using radio frequency heating electrode.

125760. G. C. Tandan and R. S. Thapar. Inhaler for self-analgesia thermostabilised with patient's body heat. Accepted on 16th December, 1971.

Comprises a vapour chamber adapted to receive the body heat an outlet controlled by valve which opens when the patient inhales and closes when he exhales and a passage means for exhaled air.

125806. Man Mohan Suri. A power unit for high speed locomotives employing diesel engine and gas turbine. Accepted on 20th December 1971.

Employing in combination a diesel engine and a gas turbine and including a hydraulic transmission device, a gas turbine clutch, and a fluid mechanical coupling.

125843. National Research Development Corporation. Glove for the manual application of liquids in agriculture and device incorporating said glove. (25th March 1969). Accepted on 21st December 1971.

A device comprising a glove having means for connecting the glove with passage means for supplying liquid from the reservoir to the absorbent material beneath the outer surface thereof, and means for actuating control of the flow of liquid from the reservoir to the absorbent material whereby the flow can be stopped to avoid an excess of liquid in the absorbent material and consequent dripping of the liquid from the glove.

125925. Agripat S. A. New O-(thiocarbamoyl-pyridyl)-phosphates and phosphorothioates, process for the production of the same and their use for controlling pests. Accepted on 20th December, 1971.

Comprises reacting in any order in the presence of a base a cyano-2-hydroxy-pyridine with a phosphoric acid halide and with H₂S.

125956. Imperial Chemical Industries Limited. Primer assembly for initiating a blasting agent. (31st March, 1969). Accepted on 20th December, 1971.

Comprises a priming charge, a connecting length of detonating cord attached at one end in the charge and other end to a connector having means capable of holding the connecting length and a downline of detonating cord in detonation transmission relationship while permitting it to be slidably moved along the downline.

125970. T.M.M. (Research) Limited. Improvements relating to open-end spinning device. (9th April 1969). Accepted on 22nd December, 1971.

The rotor has at one end thereof closure means formed with a cylindrical penetrating portion penetrating into the spinning chamber and yarn delivery passage and fibre feed passage pass through said penetrating portion.

125997. Ceskoslovenska Akademie Ved. A method of manufacture of a pulverulent semi-product. Accepted on 23rd December 1971.

Drying an aqueous suspension of the stoichiometric amount of the respective hydroxide or hydroxides corresponding to the resulting corundum, spinel or rutile at a temperature within the range from 105° to 500°C and there after pulverulent hydroxide is dehydrated at temperature between 300° to 580°C.

126019. Imperial Chemical Industries Limited. Catalyst precursor composition, method for producing it, and process of hydrodesulphurisation using the catalyst. Accepted on 18th December, 1971.

Mixing a hydrated alumina having a bulk density less than 0.5 with a compound of a group VIB metal and a compound of a group VIII metal, both of which are thermally decomposable to the oxide, and pelleting the mixture under a pressure in the range of 1 to 30 tons per square inch.

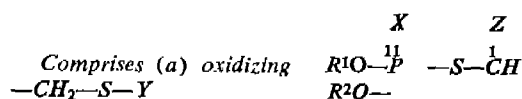
126245. Laporte Industries Limited. Apparatus for measuring and/or detecting changes in, the size of particles in suspension. Accepted on 22nd December, 1971.

Comprises a vessel for receiving a suspension of particulate material in a fluid medium, means for locating a particle-free layer of material having the same refractive index as the suspending medium directly above the suspension, illuminating means and means for measuring the intensity of radiation scattered by the suspended particles.

126265. Norprint Limited. Cassette for containing a reel of self-adhesive labels on a backing strip and for dispensing labels therefrom. (23rd April, 1969). Accepted on 18th December, 1971.

Comprising a pair of mutually spaced plates, an intermediate wall member a boss located centrally of the plates and an outlet aperture in the wall member associated with a dispensing edge.

126322. Farbenfabriken Bayer Aktiengesellschaft. Phosphoric acid esters, process for their preparation and fungicidal or herbicidal composition containing the same. Accepted on 18th December, 1971.



(b) adding halogen to aqueous methanol solution of ester thereof (c) oxidising with halogen, hypochlorite the ester suspended in water, wherein R₁ and R₂ is alkyl or cycloalkyl; X is oxygen or sulphur; Z is hydrogen or methyl Y is aralkyl radical C₆H₁₀, W being hydrogen, halogen or nitro.

126358. J. C. Giacosa and A. Hofman. Novel system for operation of a cistern and the like. Accepted on 13th December, 1971.

Comprising a container made of flexible material and provided with a syphone the upper portion of which is positioned above the stable level of liquid in the container, the stable level being raisable to prime the syphone by manual pressure on an exterior wall or walls of the container.

126555. Centre De Recherches De Pont-A-Mousson. Extractor for stripping pipes and other hollow parts from moulds and similar operations. Accepted on 22nd December 1971.

Comprising a plurality of Jaws, Jaw carrier rotatably mounted about a fixed support, resiliently yieldable return means, a device for separating the Jaws.

126713. L. Arputharaj. An alarm for use in automobiles and the like. Accepted on 22nd December 1971.

Comprises a contactor housing, atleast one spring loaded contactor rod (R) movably disposed within housing and having atleast one contactor disc fast mounted thereon, means for actuating the contactor rod, atleast one contact plate fixed to the interior of the contactor housing and electrically insulated therefrom and atleast one electric horn which is interconnected with the contact plate and a source of electric power.

127062. A. K. Ahluwalia. Improved time speaking arrangement added to a clock. Accepted on 15th December, 1971.

Comprising an ordinary clock assembled with a gramophone set and a sound receiver.

127132. L'Isostat S. A. A device for automatically locating and locking alternately in each of two specific positions a movable element sliding in a frame element particularly for use in push-button controlled switching arrangements. Accepted on 17th December, 1971.

Includes retaining means incorporating a cylindrical pin, whereof one end engages in guide track, a resilient plate or blade attached to one element and bearing on the other end of said pin, and an aperture for the passage and pivoting of the pin at least in a plane substantially perpendicular to the direction of sliding.

127133. L'Isostat S. A. A multiple switch assembly. Accepted on 17th December, 1971.

Comprising a plurality of casings each containing a switch said casings being disposed in substantially parallel relationship, a casing retaining member, interfitting formations on said casings and said casing retaining member.

127148. C. J. Industries (Lnl.) Handle-bar grips. Accepted on 17th December, 1971.

Comprising a barrel mounted coaxially on a sleeve, the bore of which sleeve is adapted to fit over a handle-bar, the bore of the barrel and/or the outer surface of the sleeve being provided with one or more radial protrusions.

127176. U. K. Nigam. Improved feeding bottle. Accepted on 20th December, 1971.

Comprising a mainbody having top and bottom end having ridges and threads, a perforated rubber diaphragm with rim to fit on the bottom end with the help of a bottom cap having holes not matching with that of the diaphragm.

127188. Sperry Rand Limited. A catalyst for electroless plating. (21st June, 1969). Accepted on 20th December, 1971.

Preparing lyophilic material by hydrolysing egg albumen with a solution of lithium hydroxide removing lithium by precipitation with carbon dioxide and phosphoric acid, and precipitating lyophilic material with acetic acid.

127225. The Metal Box Company Limited. A hand tool and a method for the manufacture thereof. (25th June, 1969). Accepted on 22nd December, 1971.

Comprises two identically shaped components which are injection moulded from plastics material, each components comprising an operating arm integral with an actuating arm and a connector formation between the two arms.

127239. Council of Scientific and Industrial Research. Improvements in or relating to cushioned automobile seat especially for tractors. Accepted on 20th December, 1971.

Comprising a seat fixed over a seat base connected to one end of a parallelogram mechanism comprised of two link assemblies fixed one above the other, each assembly having two flats fixed parallel to each other by two hubs, four axles with bearings being fixed in the four hubs, the two axles of one end of the link assemblies being connected to the seat base while the other two axles are connected to a base plate.

127282. B. Shilpi. Improvements in or relating to pedal or mechanically operated toy vehicle. Accepted on 23rd December, 1971.

Comprising bumpers, dash board dummy speedometer, seat, seat proper steering wheel assembly.

127310. R. G. DePenning. Apparatus to control the movement of a two component developer material. Accepted on 22nd December, 1971.

Including an electrode close to image bearing member, means to bias it with the same polarity as that of latent electrostatic image and with a potential greater than that in non-imaged areas and less than that of the said and means to redirect flow of developer material to impinge against the surface said member.

127313. R. G. DePenning. Apparatus and method for developing a latent electrostatic image. Accepted on 22nd December, 1971.

Including an image support member, a series of control electrodes positioned close to the former, biasing means for placing each succeeding electrode in the direction of travel of image support member at a higher potential, and means to move the image support member in opposition to developer flow.

127401. Council of Scientific and Industrial Research. A new process of making silica gel from water glass. Accepted on 21st December, 1971.

By percolation through a bed of cation exchanger of sulphonated type, the silica sol, obtained after percolation is freed from sodium and other cation and gelified after bringing the pH with few drops of ammonia solution to near neutral, the gel obtained dried at 120°C to obtain silica gel.

127558. Farbenfabriken Bayer Aktiengesellschaft. Complex compounds of the cobaltphthalocyanine series. Accepted on 22nd December, 1971.

Oxidising cobalt-phthalocyanine derivatives in presence of diamines and anions.

127640. Ciba Limited. New adducts, containing epoxide groups, from polyepoxide compounds and acid, slightly branched polyester dicarboxylic acids, processes for their manufacture and use. Accepted on 18th December, 1971.

1, 3-diglycidyl hydention is reacted with diepoxide compound like (2, 3-epoxycyclopentyl) ether.

127733. Pilkington Brothers Limited. Improvements in or relating to glass compositions. Accepted on 18th December, 1971.

Comprises 62% to 75% SiO₂, 7% to 11% ZrO₂, 13% to 23% R₂O, 1% to 10% R'O, 0% to 4% Al₂O₃, 0% to 6% B₂O₃, 0% to 5% Fe₂O₃, 0% to 2% CaF₂ and 0% to 4% TiO₂.

127830. Hydro Chemical & Mineral Corp. Condensing apparatus for condensing water vapors and distilla-

tion system for recovering fresh water and/or salts from the sea, utilizing the condensing apparatus. Accepted on 20th December, 1971.

Characterised in that chambers are grouped into two or more groups in columns being interconnected by conduits pumper between each group for pumping cooling liquid.

127947. Carding Specialists Co. Limited. Improved hydraulic circuits. (11th August, 1969). Accepted on 18th December, 1971.

Comprises a pump fluid to an inlet of a valve which may be opened to provide an outlet and an hydraulic resistance one side of which is connected to the pump upstream of the valve outlet and the other side to drain.

128164. S. S. Sapar. Tail stock turret. Accepted on 18th December 1971.

Locking is accomplished by a spring loaded locking mechanism comprising a pin firmly inserted in the hole from the underside of the rotating chuck and the shank of the base plate is always in alignment with the hole of said chuck.

128255. Sun Oil Company. Improved method for the oxidation of hydrocarbons. Accepted on 18th December, 1971.

Contacting organic compounds containing carbon hydrogen bonds with an or oxygen in the presence of an organo metallic water sensitive catalyst and an inert desiccant.

128596. Farbenfabriken Bayer Aktiengesellschaft. Process for the preparation of B-phenylethylthiocarbamic acid esters the compounds so prepared and berbidal compositions thereof. Accepted on 21st December, 1971.

Herbicidal composition comprising a diluent or carrier with 1-phenylethylthiocarbamic acid ester.

128634. Ciba of India Limited. Process for dyeing and printing textile materials of synthetic organic fibres. Accepted on 22nd December, 1971.

Comprises padding material with dyestuff containing one carboxyl group drying a printing thereafter with alkaline printing paste containing optical brightener, white pigment and another dye—all free of carboxyl group and thermofixing the fabric.

128653. Robert Bosch GmbH. Improvements relating to connection elements of different materials. Accepted on 18th December, 1971.

Comprising a sheet metal part of copper and aluminium being welded to first conductor of aluminium and second conductor of copper so that copper may be soldered copper and aluminium to aluminium.

128682. Hem Nalini Bala. A rolling mill for production of metallic balls. Accepted on 23rd December, 1971.

Comprises a pair of tapered, threaded or fluted rollers mounted one above the other and adapted to co-operate lengthwise with respect to one another leaving a maximum gap at the entry end of the metallic rod to be rolled whereas at the exit end said gap tends to vanish and said rollers are disposed at an inclination and are skew.

128688. K. K. Xavier. Improvements in or relating to three-tier sleeper coaches of passenger trains. Accepted on 22nd December 1971.

Comprises two hanger tubes each having two longitudinal slots or its diametrically opposite faces with a number of pairs of off-set clutch grooves, two hanger rodseach having a free fit in the bore of each tube a pair at the top end of each rod, a collar on the bottom end of each rod, two pedestals on the middle birth a second collar welded on the rod above said pedestal.

128967. Veb Filmfabrik Wolfen. A photographic silver halide emulsion having increased stability of the sensitized sensitivity and process for manufacturing the same. (25th February, 1970). Accepted on 18th December, 1971.

Comprises a photographic silver halide emulsion containing acid substituted benzimidocarbocyanine betaines to increase the stability of the sensitized sensitivity of the emulsion.

129085. Joseph Lucas (Industries) Limited. Brake control systems for vehicles. (10th November 1969). Accepted on 21st December, 1971.

Comprising means for sensing the ratio of a first voltage produced by a generator proportional to wheel speed to a voltage across a resistor for discharging a capacitor and releasing the brakes when said ratio is below a constant value.

129178. Borg-Warner Corporation. Lubricant seal. Accepted on 18th December, 1971.

Includes an annular body of elastically resilient deformable elastomeric material having a face thereof secured to a relatively rigid backing ring and a purging channel extending through said backing ring and a portion of said body.

129233. Ciba-Geigy Ag. New glycidyl ethers, processes for their manufacture and curable mixtures containing the same. Accepted on 22nd December, 1971.

Comprises condensing hydroxymethyl-phenol-ether compound with epichlorohydrin in presence of alkali metal hydroxide.

129304. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the preparation of aminophenyl alkyl ethers. Accepted on 18th December, 1971.

O-nitro-anisole is catalytically hydrogenated.

129478. Franz Plasser Bahnbaumaschinen. Improvements in mobile machine carrying tool means. Accepted on 20th December, 1971.

Comprises a control element actuable by a selected track part and controlling the advancement of the machine from station to station a signal pulse generator operatively associated with said element and a signal pulse recording instrument connected to said generator.

129725. Texaco Development Corporation. Method of catalytic cracking of hydrocarbons. Accepted on 18th December, 1971.

Process for the catalytic cracking of hydrocarbon oils with a zeolite cracking catalyst in a fluid catalytic cracking unit the improvement, which comprises (a) passing the oils of boiling range 500 and 1050°F through at least one elongated reaction zone (b) passing through at least one other elongated reaction zone a oil of boiling range 430 and 750°F (c) discharging the effluent from said elongated reaction zone into a catalyst phase.

129882. Siemens Aktiengesellschaft. A printed circuit board having a plurality of control channels on the side thereof. Accepted on 3rd December, 1971.

Comprising an input and an interference suppressing filter, a limit value stage connected in series with said filter and a metallic layer divided into first and second separate regions disposed on first and second portions of the board respectively.

129970. P. J. Padshah. A physical culture apparatus for exercising hand and forearm muscles. Accepted on 23rd December, 1971.

Comprising a pair of round centrally bored carrier blocks, each carrier block having a round longitudinal hand grip terminating at one end both the carrier blocks with their respective circular faces in juxtaposition and with two centrally bored circular discs interposed between them freely

mounted on an axle through respective bores, the axle being provided with terminal check nuts, the pressure between the discs being regulated by a coil spring with adjusting nut.

130009. Shell Internationale Research Maatschappij N. V. Method for the automatic fetching of an apparatus for the preparation and cooling of synthesis gas. Accepted on 20th December, 1971.

Comprises passing gaseous products of combustion of a fuel through helically wound externally cooled tubes in a waste-heat boiler, the excess pressure of steam in the boiler being measured in respect of combustion products, which measurements are effected by means for measuring a pressure difference which give a signal, the signals being supplied to threshold-value detector set at a value corresponding with a maximum permissible value for the excess steam pressure and which give a signal to open or open under a steam outlet.

130014. Robert Bosch GmbH. Improvements in or relating to fuel injection systems. Accepted on 20th December 1971.

Comprises a measuring element and an arbitrarily operable butterfly valve arranged one behind the other in the intake manifold, the former being movable proportionally to the air flowing through said manifold.

130378. Brown, Boveri & Company Limited. Improvements in or relating to damping means for isolating apparatus from external mechanical shocks. Accepted on 22nd December 1971.

Comprising first body portion attached to a support for apparatus, second body portion, centering damping elements biasing the body portions into a rest position.

130608. Bekum Maschinenfabriken GMBH. Blow molding apparatus. Accepted on 21st December 1971.

Having a combination comprising a mold for forming a hollow article having a main and surplus portion and means for in said mold for severing the surplus portion and for advancing the means relative to the mold.

130658. Imperial Chemical Industries Limited. Improved smoking mixture. (23rd March 1970). Accepted on 23rd December 1971.

Comprising carbohydrate, modified carbohydrate or aldol condensation product as smoke producing fuel, protein and a conjugated isoprenoid or derivatives thereof such acids or esters.

130697. Midland-Ross Corporation. Railway car coupler. Accepted on 22nd December, 1971.

A car coupler of the interlocking type having a shelf on the lower portion of the coupler head with an improved auxiliary interlocking leg which will promote both vertical and lateral alignment of two opposed couplers having their knuckles in an open position during an attempted coupling operation.

130778. C. Roy. Improvements in or relating to electric fans. Accepted on 22nd December, 1971.

Comprising suction fan at the bottom of cylindrical casing a pyramid shaped hollow body, set of hollow circular grills and two switches for fan and heating element.

130964. Secto Company Limited. Insecticidal compositions. Accepted on 18th December, 1971.

Comprising 2,2 dichlorovinyl dimethyl phosphate containing 5-20% by weight of dissolved hexachloroethane, paradichlorobenzene, naphthalene naphthalene derivative, camphor or quinone.

131001. Scharfenbergkupplung G.m.b.H. Device for absorbing excessive thrust. Accepted on 23rd December 1971.

A first hollow cylinder surrounds a second hollow cylinder and they are separated by a gap. The frusto-conical free end of a third hollow cylinder projects into the said gap.

131263. Joseph Lucas (Industries) Limited. Electrical lamp assemblies. (19th June 1970). Accepted on 20th December, 1971.

Comprising reflector unit, reflector with bulb holder bulb, lens, fastening device, having first and second part.

131458. Snam Progetti S.p.A. Process for dehydrating ammonia synthesis gases. Accepted on 23rd December 1971.

Carrying out dehydration of gaseous mixture in two stages a first stage wherein gaseous mixture is cooled and condensate is separated and a second stage in series wherein residual water still contained in aforesaid gaseous mixture is removed by absorption or adsorption.

131751. Ciba-Geigy AG. Process for the manufacture of anthraquinone derivatives. Accepted on 21st December, 1971.

Oxidising α -amino-anthraquinone possessing a hydroxymethyl group in β -position.

Opposition Proceedings

(1)

The opposition entered by Suessen Textile Bearings Limited to the grant of a patent on application No. 110419, made by Scientific Mechanic Works, as notified in Part III, Section 2 of the Gazette of India, dated the 4th October 1969, has been treated as withdrawn.

(2)

The opposition entered by Wilhelm Stahlecker G.M.B.H. to the grant of a patent on application No. 110419 made by Scientific Mechanic Works, as notified in Part III, Section 2 of the Gazette of India, dated the 4th October, 1969, has been treated as withdrawn.

(3)

The opposition entered by Zenith Engineering Works to the grant of a patent on application No. 110419 made by Scientific Mechanic Works, as notified in Part III, Section 2 of the Gazette of India, dated the 4th October, 1969, has been treated as withdrawn.

Patents Sealed

121172 121568 123443 123464 123611 123896 124212 124701
124721 124729 124780 124802 124808 124893 124950 124965
125015 125169 125172 125218 125234 125293 125324 125325
125328 125345 125346 125348 125388 125464 125484 125485
125486 125620 125718 125722 125781 125927 125930 125931
126003 126076 126079 126141 126214 126394 126423 126448
126538 126667 126741 126758 126898 127276 127362 127458
127715 127783 128195 128283 128320 128446 128536 129015

Amendment Proceedings

(1)

The amendments proposed by The Dunlop Company Limited in respect of Patent No. 118529 as advertised in Part III, Section 2 of the Gazette of India dated the 14th August, 1971 have been allowed.

(2)

The amendments proposed by Bau-Stahlgewebe G.M.B.H., in respect of patent application No. 121864 as advertised in Part III, Section 2 of the Gazette of India dated the 21st August, 1971 have been allowed.

Registration of Assignments, Licences, etc. (Patents)**REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (PATENTS)**

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

59516	}	Benibor Holding S.A.
68627		
84520		
89837		
59636	}	Riker Laboratories, Inc.,
59634		
72837	—Bensdorp International N.V.	
82663	—N. V. Philips' Gloeilampenfabrieken.	
89403	—General Aniline & Film Corporation.	
97351	—Otsuka Chemical Co. Ltd.	
93764	}	National Research Development Corporation of India
99656		
102675		
102677		
103201		
107270		
109310		
109897		
111492		
112035		
112861		
114420		
115207		
101021	}	Air Products and Chemicals, Inc.
101022		
101023		
104652		
104653		
104654		
105361		
109712		
109792		
113680		
114821		
77350	}	Creusot-Loire.
94842		
99411		
106852		
119763		
119839		
119864		
121003		
121004		
121038		
121240		
101217	}	Vattavila Sivasankara Krishnan Nair.
105729		
103050	—Bleiberger Bergwerks Union Aktiengesellschaft.	
105662	—Veb Qualitats-Und Edelstahl-Kombinat.	
108874	}	T. I. Diamond Chain Limited.
109247		
114725	—Federal Mogul Corporation.	
115244	}	Compret N. V.
115245		
115353		
115939	—Ecodyne Corporation.	
118522	—Valcovny plechu narodni podnik.	
118637	}	Birtley Engineering Limited.
119120		
118848	—Bata Shoe Company Private Limited.	
119313	—International Multifoods Corporation.	
119747	—Council of Scientific and Industrial Research.	

120085—Orissa Cement Limited.

120108

120109

} Montecatini Edison S.p.A.

82317—S alves S.A.

Renewal Fees Paid

59271	59285	59375	59387	59389	59397	59696	60875	62870
62889	63284	63629	66379	66398	66458	66478	66485	66506
66533	66540	66573	66834	67214	69929	70141	70267	70288
70379	70380	70381	70386	70462	70502	70627	70628	70764
71333	71467	71595	71746	74437	74464	74508	74778	74855
74935	74975	74987	74991	74996	75045	75087	75088	75123
75198	75557	75695	75696	75748	75749	76282	78259	78469
78485	79275	80002	80037	80066	80079	80086	80101	80124
80142	80160	80178	80229	80349	80400	80401	80450	80462
80488	80489	80512	80699	80723	81241	81484	82348	82864
82865	82866	82867	82868	85116	85117	85383	85634	85683
85686	85755	85851	85880	85991	85992	86016	86052	86081
86120	86122	86123	86139	86146	86213	86215	86236	86342
86349	86385	86408	86474	86661	86684	87007	87008	87009
87015	87260	87312	87428	87673	90389	90660	91421	
91542	91544	91552	91561	91562	91616	91645	91648	91649
91653	91654	91655	91674	91700	91757	91839	91886	91898
91948	91998	92146	92177	92627	92713	92720	93357	93603
94374	94682	95102	95263	95475	95659	96951	97155	97217
97221	97244	97245	97282	97284	97299	97334	97335	97353
97354	97375	97412	97550	97580	97617	98196	98578	99240
102130	102380	102506	102870	103149	103163	103233	103264	
103271	103318	103319	103379	103457	103483	103510	103580	
103597	103602	103631	103668	103670	103682	103690	103773	
103774	103796	103821	103868	103928	103929	104082	104102	
104454	104461	104524	104526	104550	104610	105081	105212	
105457	107753	108398	108684	108685	108702	108704		
108755	108759	108768	108776	108787	108798	108805	108904	
108905	108915	108919	108955	108956	108985	109026	109080	
109093	109117	109118	109174	109232	109392	109435	109504	
109714	109776	109788	109906	109951	110123	110331	110361	
110737	110919	112494	112619	112698	112926	112930	113700	
113701	113879	113882	113899	113918	113919	113923	113928	
113961	113972	113982	113992	113993	113998	113999	114022	
114024	114033	114063	114078	114128	114142	114177	114232	
114262	114290	114302	114303	114311	114462	114487	114524	
114699	114725	114735	114741	115109	115110	118523	119079	
119260	120146							

Cessation of Patents

104564	104566	104567	104568	104569	104575	104577
104579	104593	104596	104597	104598	104603	104614
104615	104620	104627	104639	104641	108815	108816
108822						

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 138719 Kisan Krishi Yantra Udvog. 64. Moti Bhawan. Collector Gani Kanpur (U.P.) (Indian Partnership concern) "Paddy dehusking device", May 28, 1971.

Class 3. No. 138862. Asian Advertisers. (an Indian Partnership Firm). 20. Kala Bhavan, 4th floor. 3 Mathew Road. Opera House Bombay-1 (Maharashtra). "Wall calendar", July 28, 1971.

Class 3. No. 138863. Asian Advertisers. (an Indian Partnership Firm). 20. Kala Bhavan, 4th floor. 3. Mathew Road. Opera House. Bombay-4 (Maharashtra). "Wall calendar frame". July 28, 1971.

Class 3. No. 138926. Shree Krishna Plastic Industries, a partnership firm registered in India, Blacksmith Road, Daman, Union Territory of Goa, Daman and Diu, India, "A plastic container", August 24, 1971.

Class 3. No. 139041. Babuji Shilpi, An Indian Citizen, 'Anita' Plot No. 62, Mount Pleasant Road, Bombay-6, Maharashtra, India, "A Swing", September 21, 1971.

Class 3. No. 139045. Vishwanath Sawalka, 90, Mukhtaram Babu Street, Calcutta 7, West Bengal, India, Indian Nationality, "Painting device", September 22, 1971.

Class 3. No. 139053. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act and having its registered office at 30, Shakespeare Sarani in the town of Calcutta, West Bengal. "A sole for footwear". September 25, 1971.

Class 10. Nos. 139051 and 139052. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act and having its registered office at 30, Shakespeare Sarani in the town of Calcutta, West Bengal, "Footwear", September 25, 1971.

Copyright Extended for a Second Period of Five Years

Design Nos. 130934, 125358, 130502, 129819, 129681, 129826, 130004, Class—1.

Design No. 129656. Class—3.

Copyright extended for a Third Period of Five Years

Design Nos. 107848, 125358, 107849, 107850, and 107851, Class—1.

Registration of Assignments, Licences, etc. (Designs)

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration :—

132034

133466

133615

133695

133696

134143

134240

134534

134535

134587

134979

134980

134891

134892

134893

135156

135367

136300

136562

136605

136995

B. K. Plastics Private Limited.

136575—Khatau Vallabhdas & Company.

S. VADARAMAN, Controller-General
of Patents, Designs and Trade Marks.